

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-7. (canceled)

8. (new) A device for detecting the pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head having a wall and having an orifice passing through said wall, said orifice having an axis, a functional member used in the operation of the engine, said functional member being disposed in said orifice and extending from inside the cylinder head to outside the cylinder head, the functional member being bodily movable as a whole axially within said orifice relative to said wall, a member fixed to said wall outside said orifice, said functional member having a portion confronting said fixed member in a direction parallel to said axis, and pressure sensitive means disposed between said fixed member and said confronting portion to detect pressure changes in said cylinder head that cause bodily axial movement of said functional member.

9. (new) A device as claimed in claim 8, wherein said fixed portion is annular and spaced from said wall on the outer side of said wall and said confronting portion of said functional member is annular, and said sensitive means is annular.

10. (new) A device as claimed in claim 9, wherein said pressure sensitive means is disposed on a side of said confronting portion opposite said wall.

11. (new) A device as claimed in claim 9, wherein said confronting portion is disposed on a side of said sensitive means opposite said wall.

12. (new) A device as claimed in claim 9, wherein said confronting portion and said fixed means are of a diameter greater than the diameter of said orifice.

13. (new) A device as claimed in claim 9, wherein said confronting portion and said sensitive means and said fixed means are all disposed outside said orifice.

14. (new) A device as claimed in claim 8, and means detachably connecting said fixed member to said wall separately from said operating member, thereby to permit a replacement of said operating member when said fixed member is detached.